

5" Circular Display



Overview

The 5" circular LCD display offers a unique round form factor ideal for creative signage, product labelling, retail fixtures, and smart device applications. Compact yet vibrant, it delivers sharp visuals with flexible Android playback, network control, and multiple connectivity options.

Designed with a robust housing and efficient power usage, this display integrates easily into custom enclosures or standalone installations where eye-catching digital content is essential.

Key Features



Built-In Android Player

Onboard Android system for easy content playback without external hardware.



High-Resolution Display

Delivers sharp, bright visuals ideal for logos, animations, and retail content.



Compact & Durable Build

Small form factor suitable for kiosks, displays, and embedded projects.



Flexible Connectivity

Supports network control and various input options for seamless integration.



Easy Integration

Designed for smooth installation into custom housings, enclosures, and smart devices.



Energy-Efficient

Low power consumption ideal for continuous use in commercial environments.

Display

Screen	5" TFT LCD
Resolution	1080 x 1080
Active Area	127.008 x 127.008mm
Backlight	WLED
Brightness	400nits
Contrast Ratio	1300:1
Display Colours	16.7M
Response Time	40ms
Viewing Angle	160° / 160°
Refresh Rate	60Hz
Operational Timeframe	24/7
Backlight Life	30,000 Hrs

Power

Power	DC 5V 3A
Typical Consumption	<10W
Standby Consumption	<1W

Connections

USB	x1 Type-C
Antenna	Built-In

Environment

Storage	-20°C - 60°C / 5% - 90% RH
Working	0°C - 50°C
Humidity	10 - 80% RH

Certification

CE, and RoHS

Mechanical

Housing	Metal
Front Glass	Optional
Mounting	Wall Mount
Colour	Matt Black
Dimensions	150.5 x 150.5 x 15mm
Net Weight	0.4kg

Optional Embedded Player Features

Computing

CPU	RK3566, Quad-Core, Cortex-A55
RAM	2GB
Storage	8GB
OS	Android 11
Standalone Playback	Enabled

Network

Bluetooth	v4.0
Ethernet	10/100/1000Mbps
Wi-Fi	802.11a/b/g/n @ 2.4GHz
Security	WEP, WPA, WPA2, WPA3

Audio

Internal Speakers	x2 8Ω 5W
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Ordering Information

Part Number	Monitor Only	HTL-LCD-RND-TC05_01
	Monitor with Tempered Glass	HTL-LCD-RND-TC05TG_01
	Built-In Media Player	HTL-LCD-RND-TC05MP_01
	Built-In Media Player with Tempered Glass	HTL-LCD-RND-TC05MPTG_01

Unit Structure

